Listing of Claims:

Claim 1 (Canceled).

2. (Currently Amended) The inkjet recording apparatus of claim ~~1~~ 19, wherein the recording medium feeding ~~device~~ section feeds the recording medium at a high speed ~~to~~ until the mark is positioned at a position which is adjacent to a position ~~on~~ at which the mark will be detected by the mark detecting ~~device~~ unit, and ~~further~~ then feeds the recording medium at a low speed from the position adjacent to the position at which the mark will be detected.

3. (Currently Amended) The inkjet recording apparatus of claim ~~1~~ 19, further comprising:

[[A]] a memory ~~device~~ to store the feeding amount ~~of~~ by the recording medium feeding section, wherein when the mark detecting ~~device~~ unit can not detect the mark, ~~as it normally does,~~ the recording medium is fed based on ~~the basis of the previous~~ a previously stored feeding amount ~~stored~~ in the memory ~~device~~.

4. (Currently Amended) The inkjet recording apparatus of claim ~~1~~ 19, wherein a feeding distance of the recording medium until the mark detecting ~~device~~ unit detects the mark, is less

than ~~the~~ a feeding amount which the recording medium ~~must advance fundamentally~~ is to be advanced.

5. (Currently Amended) The inkjet recording apparatus of claim ~~1~~ 19, further comprising:

a feeding amount detecting ~~device~~ section which detects the feeding amount ~~of~~ by the recording medium feeding section,

wherein the recording medium feeding ~~device has~~ section comprises a changeover ~~device which can switch to a case~~ section which switches the inkjet recording apparatus between a mode in which ~~the~~ a feeding amount of the recording medium is determined based on ~~the basis of the~~ a position where the mark detecting ~~device~~ unit detects ~~a detection signal, or another case~~ the mark, and a mode in which the feeding amount of the recording medium is determined based on ~~the basis of~~ only ~~the~~ a detection signal from the feeding amount detecting ~~device~~ section.

6. (Currently Amended) The inkjet recording apparatus of claim ~~1~~ 19, further comprising: ~~wherein the mark detecting device works for both~~

a recording medium detecting ~~device~~ section which detects whether or not the recording medium ~~exists~~ is present based on an output of the mark detecting unit, and a bi-directional position detecting ~~device~~ section which performs bi-directional positioning of the recording head ~~in relation~~ with respect to the recording medium based on an output of the mark detecting unit.

7. (Currently Amended) The inkjet recording apparatus of claim ~~1~~ 19, wherein:

the mark recording ~~device~~ section records a plurality of marks at a time [[,]] on the recording medium ~~by the ink droplets ejected from~~ using a plurality of ~~the~~ different nozzles,

the mark detecting ~~device~~ unit detects the plurality of marks,

the recording medium feeding ~~device~~ section calculates and assumes a position which gives ~~the~~ a smallest detection error from ~~the~~ a distance interval calculated by ~~the~~ a nozzle pitch of the recording head, referring to ~~the~~ a position of each mark detected by the mark detecting ~~device~~ unit, and ~~wherein~~

the feeding amount is determined based on ~~the basis of~~ the calculated and assumed position.

8. (Currently Amended) The inkjet recording apparatus of claim ~~1~~ 19, wherein the mark is printed ~~at the point located~~ outside ~~the~~ of an image printing area of the recording medium.

9. (Currently Amended) The inkjet recording apparatus of claim ~~1~~ 19, wherein the mark is printed on an area which is~~, in the recording medium feeding direction,~~ upstream, in the sub-scanning direction, of ~~the~~ an area on which the main scanning of the recording head performs the recording.

10. (Currently Amended) The inkjet recording apparatus of claim 9, wherein the recording head ~~is composed of~~ comprises a plurality of heads, and among the plurality of ~~these~~ heads, the head ~~which has the nozzle for printing the mark on the recording medium by ejecting ink droplets,~~ that includes the predetermined nozzle is shifted ~~for~~ by one nozzle interval from the other heads, in the ~~recording medium feeding~~ sub-scanning direction.

11. (Currently Amended) The inkjet recording apparatus ~~described~~ of claim 10, wherein the mark recording ~~device allows the mark printing~~ section causes the predetermined nozzle to eject ink for a distance necessary for printing the mark by changing data corresponding to the predetermined nozzle to one.

12. (Currently Amended) The inkjet recording apparatus ~~described~~ of claim 10, wherein the mark recording ~~device~~ section prevents ~~the~~ nozzles adjacent to the ~~mark printing~~ predetermined

nozzle from ejecting ink by controlling the nozzles to be zero filling with ink.

13. (Currently Amended) The inkjet recording apparatus of claim ~~1~~ 19, wherein the mark detecting ~~device is composed of~~ unit comprises a light reflection type sensor, ~~having~~ which includes:

a light emitting element which emits a detecting light beam onto the recording medium;

a condenser lens which condenses the detecting light beam emitted from the light emitting element; and

a light receiving sensor which detects the light beam reflected from ~~the~~ a surface of the recording medium on which the detecting light beam is focused by the condenser lens,

wherein optical axes of the light emitting element and ~~the optical axis of~~ the condenser lens are ~~angled~~ slanted with respect to the surface of the recording medium in the main scanning direction. ~~perpendicular to the feeding direction of the recording medium.~~

14. (Currently Amended) The inkjet recording apparatus of claim ~~1~~ 19, wherein the mark detecting ~~device is formed of~~ unit comprises a reflection type sensor, ~~having~~ which includes:

a light emitting element which emits detecting light onto the recording medium;

a condenser lens which focuses the detecting light emitted from the light emitting element; and

a light receiving sensor which detects light reflected from ~~the~~ a surface of the recording medium on which the detecting light is focused by the condenser lens,

wherein optical axes of the light emitting element and ~~the optical axis of~~ the condenser lens are approximately perpendicular to the surface of the recording medium.

15. (Currently Amended) An ~~The~~ inkjet recording apparatus ~~of claim 7~~, comprising:

a recording medium feeding section to feed a recording medium on a platen;

a recording head including a plurality of nozzles to eject ink droplets onto the recording medium;

a recording head moving section to move the recording head in a direction perpendicular to a feeding direction of the recording medium;

a mark recording section to record a plurality of marks, which are perpendicular to the feeding direction of the recording medium, on the recording medium using a plurality of the nozzles, while the recording head is moved by the recording head moving section; and a mark detecting unit which is moved together with the recording head and detects the plurality of marks;

wherein the recording medium feeding section calculates and assumes a position which gives a smallest detection error from a distance interval calculated by a nozzle pitch of the recording head, referring to a position of each mark detected by the mark detecting unit; and

wherein a feeding amount of the recording medium is determined based on the calculated and assumed position; and

wherein the mark detecting ~~device is formed of a~~ unit comprises a light reflection type sensor, ~~having~~ which includes:

a light emitting element which emits detecting light onto ~~the~~ a recording medium;

a condenser lens which condenses ~~the~~ detecting light emitted from the light emitting element; and

a light receiving sensor which detects light reflected from ~~the~~ a surface of the recording medium on which the detecting light is focused by the condenser lens,

wherein an optical axis of the light emitting element and ~~the~~ an optical axis of the condenser lens are approximately perpendicular to the surface of the recording medium, and

wherein the light emitting element, the condenser lens and the recording medium are arranged ~~, satisfying the~~ so as to satisfy an inequality k x b < a x m, where:

~~"k"~~ k is ~~the~~ a length of the light emitting element in ~~the~~ a sub-scanning direction,

~~"a"~~ a is ~~the~~ a distance between the condenser lens and the surface of the recording medium, ~~and~~

~~"b"~~ b is ~~the~~ a distance between the condenser lens and the surface of recording medium, and

m is a pitch ~~width~~ of the plurality of marks in the sub-scanning direction.

16. (Currently Amended) The inkjet recording apparatus ~~described~~ of claim ~~1~~ 19, wherein the mark is yellow.

17. (Currently Amended) The inkjet recording apparatus of claim 16, wherein the mark detecting unit comprises a light emitting element that emits light to the recording medium and a light detecting element that detects light reflected from the recording medium; and

wherein the ~~a~~ light emitting element ~~is~~ comprises a blue LED, and ~~a~~ the light detecting element is sensitive to blue.

18. (Currently Amended) The inkjet recording apparatus ~~described~~ of claim ~~1~~ 19, wherein the mark is a single mark

that is printed by one scan and is perpendicular to the ~~feeding direction of the recording medium~~ sub-scanning direction.

19. (New) An inkjet recording apparatus, comprising:

a recording head including a plurality of nozzles aligned in a sub-scanning direction;

a recording section to record an image on a recording medium by jetting ink droplets from the nozzles while moving the recording head in a main scanning direction;

a mark recording section to record a mark on the recording medium using a predetermined nozzle;

a mark detecting unit, which is mounted on the recording head at a position separated from the predetermined nozzle along the sub-scanning direction, to detect the mark;

a recording medium feeding section to feed the recording medium in the sub-scanning direction; and

a control section to control the recording medium feeding section to feed the recording medium for a predetermined distance, such that the recording medium feeding section feeds the recording medium until the mark detecting unit detects the mark and then feeds the recording medium for a distance remaining up to the predetermined distance based on a feeding amount by the recording medium feeding section.